

Transistor circuits used ...

Z/039/62/023/002/001/007
D286/D305

Engineering 30 (1958), 359, p. 46; A. Fischmann-Arbel: Precision Schmitt Trigger. Nuclear Instruments and Methods, VII, 5, 1. 1959, pp 56 - 60; O.H. Schmitt: A Thermionic Trigger. Chemical and Engineering News 35 (1957), Jul., no. 27, pp 24 - 26.

ASSOCIATION: Státní výzkumný ústav tepelné techniky, Praha
(State Research Institute for Thermal Engineering,
Prague)

SUBMITTED: September 12, 1961

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B

Card 2/2

KUHN, L., inz., CSc.; ROZTOCIL, J., inz.

Vibration measurement and dynamic balancing by means of the Hall effect. Strojirenstvi 13 no.6:460-463 Je '63.

1. Statni vyzkumny ustav tepelne techniky, Praha.

L 769-64

ACCESSION NR: AP3005721

Z/0032/63/013/007/0519/0525

AUTHOR: Kuhn, L., Roztocil, J.

TITLE: Measurement of forces and vibrations by piezoelectric pickoffs

SOURCE: Strojirenstvi, v. 13, no. 7, 1963, 519-525

TOPIC TAGS: force measurement, vibration measurement, ceramic material, pressure pickoff, transducer, sensor, sensing device

ABSTRACT: Article describes the use of barium titanate piezoelectric pickoffs in measurement technique. Various methods for polarizing barium titanate ceramic materials are explained briefly and their characteristic electrical and mechanical properties are evaluated. Trends in the design of pressure and vibration pickoffs based on utilization of piezoelectric phenomena. Circuitry of an electrometric amplifier for piezoelectric pickoff is explained in detail. Author points out the advantages of employing BaTiO₃ in measurement technique. Orig. art. has: 12 figures and 34 equations.

ASSN: SVUTT, PRAGUE

Card 1/2

KUHN, Ludvik, inze., ScG., laureat stani ceny Klementa Gottwalda

Utilization of Hall generators in the design of balancing
machines. El tech cas 14 no.5:271-281 '63.

1. Statni výskumný ústav tepelné techniky, Praha 6, Kladenska
60.

KUHN, Ludvik, inz., CSc.

Automatic balancing machines. Automatizace 6 no.8:191-195
Ag '63.

1. Statni vyzkumny ustav tepelne techniky, Praha.

L 18838-65 EWT(l)/EWT(m)/EEC(t)/EWP(w) Pub AFWL/AFETR/ASD(a)-5/AEDC(a)/
AS(mp)-2/SSD/ESD(t)/ESD(gs)/ESD(dp)/IJP(c) EM/RH
ACCESSION NR: AP3002920 Z/0032/63/013/006/0460/0463

AUTHOR: Kuhn, L. (Engineer, Candidate of sciences); Roztocil, J. (Engineer)

TITLE: Measurement of the vibration and dynamic balancing of machines using the Hall effect

SOURCE: Strojirenstvi, v. 13, no. 6, 1963, 460-463

TOPIC TAGS: Hall effect, semiconductor, transistorized circuit, printed circuit, vibration vector, dynamic balancing, rotating body, selective measurement, vibration pickup, tachometer, vibration phase, vibration amplitude, speed range, acceleration range

ABSTRACT: The article describes a method for the selective measurement of the vector of vibration with a device operating on the principle of the Hall effect. Such a device finds practical application in the dynamic balancing of rotating bodies. The operating principle and the fields of application of the device are discussed and its characteristics evaluated. The Hall multiplier has the advantage of being of small size, sturdy, and easy to manufacture; it has linearity within 1%, and its frequency range is limited only by the voltage amplifier and the

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L 18838-65

ACCESSION NR: AP3002920

magnetic circuit. Its disadvantage is the temperature dependence of the semiconductors. Nevertheless, the function of the device is not affected up to 40°C, and the change of measured values is within $\pm 3\%$. It makes it possible to use a device of all-transistorized construction for the measurement of vibration and dynamic balancing. The device consists of three independent units: 1) the unit measuring amplitude of vibrations with the oscilloscope and the vibration pickup; 2) the unit measuring the vector of vibrations with the tachometer and the harmonic voltage generator; 3) the automatic battery rectifier. The whole assembly was designed as three separate units with a view to greater versatility in its applications, the first unit serving where it is desired to know only the magnitude of vibrations. When the vector of vibrations is required, it is connected to the selective vector of vibrations measuring unit with which it is possible to measure the amplitude and phase of vibrations in the amplitude range of 10 to 1,000 μm in the frequency band of 10 to 100 cycles (600 to 6,000 per min). The range of speeds is from 0.1 to 10 cm s^{-1} and of accelerations from 1 to 100 ms. Each unit is fed from its own storage batteries. It is pointed out in conclusion that transistorization and the utilization of phenomena proceeding in semiconductors make possible, in connection with printed circuit technique, reduced instrument size and reduced weight and

Card 2/3

L 18838-65

ACCESSION NR: AP3002920

considerable reduction of required power and breakdown. Orig. art. has: 7 diagrams and 10 formulas.

ASSOCIATION: SVUTT, Prague

SUBMITTED: 00

ENCL: 00

SUB CODE: EC, EM

NO REF SOV: 000

OTHER: 006

Card 3/3

KUHN, Ludvik, inz. CSc., laureat statni ceny Klementa Gottwalda

Nonlinear distortion by indicating channels in measuring
quick-change pressures. Stroj cas 15 no. 3: 292-305
'64.

1. State Research Institute of Heat Technology, Prague.

KUHN, Ludvik, ins. CSc. laureat Statni ceny Klementa Gottwalda

Gauging pressure pickups of piston machine cylinders during measuring. Stroj cas 15 no.4:315-325 '64.

1. State Research Institute of Heat Technology, Prague,

KUHN, M. (Nemecka demokratica republika)

Standardization, the road to mechanization and automation. Nova
technika no.5:217-220 '60.

(Standardization) (Automation)

ROGUSKI, Jan; CHADZYNSKA-RUSZKOWSKA, Jolanta; KUHN, Maria

Hydration of the tissue in diabetes mellitus. Polskie arch. med.
wewn. 26 no.7:1099-1102 1956.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:
prof. dr. med. J. Roguski, Poznań, ul. Gen. Swierczewskiego 1 m.
14.

(DIABETES MELLITUS, physiology,
hydration of various tissues (Pol))
(BODY FLUIDS,
hydration of various tissues in diabetes mellitus (Pol))

ROGUSKI, Jan; KUHN, Maria

Water in blood cells in kidney diseases. Polskie arch. med. wewn.
26 no.8:1257-1260 1956.

1. Z II Kliniki Chorob Wewn. A.M. w Poznaniu, Kier.: prof. dr. med.
J. Roguski, Poznan, ul. Gen. Swierczewskiego 1 m. 14.

(KIDNEY DISEASES, blood in,

blood cell water content (Pol))
(BLOOD CELLS,

water content in kidney dis. (Pol))
(WATER,

blood cells water content in kidney dis. (Pol))

ROGUSKA, Jadwiga; KUHN, Maria.

Therapeutic value of edema drainage and its influence on the shifting
of water and electrolytes. Polski tygod. lek. 12 no.14:501-506 1 Apr
'57.

l. z II Kliniki Chorob Wewnetrznych A. M. w Poznaniu; kierownik: prof.
dr Jan Roguski. Poznan, ul. Przybyszewskiego 49.

(EDEMA, ther.

drainage, eff. on water-electrolyte balance (Pol))
(DRAINAGE

of edema, eff. on water electrolyte balance (Pol))
(BODY FLUIDS

water-electrolyte balance, eff. of edema drainage (Pol))

BACZYK, Kazimierz; KUHN, Maria; WOJTCZAK, Andrzej; KOSOWICZ, Jerzy

Influence of desoxycorticosterone and cortisone on kidney function
in Addison's disease. Polskie arch. med. wewn. 28 no.1:1-12 1958.

l. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik: prof.
dr med. J. Roguski. Adres: Poznań, Przybyszewskiego 49.

(ADDISON'S DISEASE, metabolism in

eff. of cortisone & desoxycorticosterone on kidney funct.
(Pol))

(CORTISONE, effects

on metab. & kidney funct. in Addison's dis. (Pol))

(DESOXYCORTICOSTERONE, effects

on metab. & kidney funct. in Addison's dis. (Pol))

(KIDNEYS, in various diseases

Addison's dis., eff. of cortisone & desoxycorticosterone
on kidney funct. (Pol))

KUHN, Marta; WOJTCZAK, Andrzej; GRACZYKOWSKA-KOCZOROWSKA, Alicja

Changes of the extracellular space in patients with acromegaly.
Polskie arch. med. wewn. 28 no.1:41-48 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik: prof.
dr med. J. Roguski. Adres autora: Poznań, Przybyszewskiego 49.
(ACROMEGALY, metabolism in
extracellular fluid level & plasma level (Pol))
(BODY FLUIDS, determination
extracellular levels in acromegaly (Cz))

ROGUSKA, Jadwiga; HASIK, Jan; WOJTCZAK, Andrzej; KUHN, Maria

Electrocardiographic changes in blood electrolyte concentration. Polskie
Arch. med. wewn. 28 no.4:505-507 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik:
prof. dr med. J. Roguski. Adres autora: Poznań, Przybyszewskiego
49, II Klinika Chorob Wewnętrznych A.M.

(PTASSIUM, in blood

defic., eff. on ECG (Pol))

(ELECTROCARDIOGRAPHY, in various dis.

hypokalemia (Pol))

WOJTCZAK, Andrzej; KUHN, Maria

Blood electrolyte disorder and dehydration with mental disorders.
Polskie arch.med. wewn. 28 no.4:507-512 1958.

I. Z II kliniki Chorob Wewnetrznych A.M. w Poznaniu. Kierownik:
prof. dr med. J. Roguski. Adres autora: Poznan, Przybyszewskiego 49,
II Klinika Chorob Wewn. A.M.

(BODY FLUID BALANCE

disord. in patients with ment. disord. (Pol)

(MENTAL DISORDERS, compl.

water-electrolyte disord. (Pol))

JANKOWIAK, Jozef; BISKUPSKA, Grazyna; DURKALEC, Jerzy; GORNIOK, Alfred;
KUHN, Maria; RACHLEWICZ, Janusz; TYSPER, Zofia; WOJTCZAK, Andrzej

Effects of thermal balneological stimuli on the water metabolism of
the body. Polskie arch. med. wewn. 28 no.4:519-524 1958.

1. Z Instytutu Balneoklimatycznego w Poznaniu Dyrektor: doc. dr med.
J. Jankowiak, i z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu
Kierownik: prof. dr med. J. Roguski. Adres autora: Poznań, Slowackiego
8/10 Instytut Balneoklimatyczny.

(BODY FLUIDS,
eff. of thermal baths on water-electrolyte metabolism
(Pol))

(HEAT, eff.
thermal baths on water-electrolyte metab. (Pol))
(BALNEOLOGY,

eff. of thermal baths on water-electrolyte metab. (Pol))

KUHN MARIA

KOSOWICZ, Jerzy; GRACZYKOWSKA-KOCZOROWSKA, Alicja; WOJTCZAK, Andrzej;
KUHN, Maria; BACZYK, Kazimierz

Water-electrolyte disorders in endocrine syndromes. Polskie arch.
med. wewn. 28 no.4:529-534 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:
prof. dr med. J. Roguski. Adres Autorat Poznań, Przybyszewskiego 49.

II Klinika Chorob Wewn. A.M.

(ENDOCRINE DISEASES, manifest.

water-electrolyte disord. (Pol))

(BODY FLUID BALANCE, in various dis.

water-electrolyte disord. in endocrine dis. (Pol))

WOJTCZAK, Andrzej, KUHN, Maria

Disorders of water & electrolyte metabolism in the course of diabetic acidosis. Polskie arch.med. wewn. 28 no.4:535-540 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik:
prof. dr med. J. Roguski. Adres autora: Poznań, ul. Przybyszewskiego
49. II Klinika Chorob Wewnętrznych A.M.

(BODY FLUID BALANCE,

disord. in course of diabetic acidosis (Pol))

(DIABETES MELLITUS, metab.

water-electrolyte disord. in acidosis (Pol))

BACZYK, Kazimierz; WOJTCZAK, Andrzej; KUHN, Maria

Effects of treatment with mercurial diuretic drugs on water-electrolyte metabolism. Polskie arch.med. wewn. 28 no.4:561-564 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik: prof. dr med. J. Roguski.

(CONGESTIVE HEART FAILURE, ther.

mercurial diuretics, eff. on water-electrolyte metab.
(Pol))

(DIURETICS, MERCURIAL, THER.use

congestive heart failure, eff. on water-electrolyte metab.
(Pol))

(BODY FLUID BALANCE, eff. of drugs on

mercurial diuretics on water-electrolyte metab. in
congestive heart failure (Pol))

BACZYK, Kazimierz; WOJTCZAK, Andrzej; KUHN, Maria

Effects of withdrawing ascitic fluid on water and electrolyte metabolism.
Polskie arch. med. wewn. 28 no.4:564-568 1958.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik:
prof. dr med. J. Roguski. Adres autora: Poznań, Przybyszewskiego 49
II Klin. Chor. Wewn. A.M.

(CONGESTIVE HEART FAILURE, manifest

ascites, eff. of withdrawing ascitic fluid on water-
electrolyte metab. (Pol))

(ASCITES, etiol & pathogen.

congestive heart failure, eff. of withdrawing ascitic
fluid on water-electrolyte metab. (Pol))

(BODY FLUID BALANCE

eff. of withdrawing ascitic fluid on water-electrolyte
metab. in congestive heart failure (Pol))

BACZYK, Kazimierz; WOJTCZAK, Andrzej; KUHN, Maria

Water and electrolyte metabolism in patients treated with prolonged sleep. Polskie arch. med. wewn. 28 no.4:583-584 1958.

1. Z II Kliniki Chorob Wewnetrznych A.M. w Poznaniu Kierownik:
prof. dr med. J. Roguski.

(SLEEP, ther. use

peptic ulcer, eff. on water-electrolyte metab. (Pol)
(PEPTIC ULCER, ther.

sleep ther., eff. on water-electrolyte metab. (Pol))
(BODY FLUIDS, in various dis.

peptic ulcer, eff. of prolonged sleep on water-electro-
lytes metab. (Pol))

ROGUSKI, J.; BACZYK, K.; WOJTCZAK, A.; KUHN, M.

Water and electrolyte metabolism in patients treated by prolonged sleep. Poznan.tow.przyjaciol nauk, wydz.lek. 17 no.5:57-80 '59.
(WATER ELECTROLYTE BALANCE)
(SLEEP eff.)

KOSOWICZ, Jerzy; GRACZYKOWSKA-KOCZOROWSKA, Alicja; KUHN, Maria; NOWACZYK,
Janina; WOJTCZAK, Andrzej

Studies on water-electrolyte balance in Glinski-Simmonds' disease.
Polski arch. med. wewn. 29 no.7:899-908 1959.

1. Z II Kliniki Chorob Wewnętrznych A. M. w Poznaniu Kierownik
Kliniki: prof. dr med. J. Roguski
(SIMMONDS' DISEASE, metab.) (WATER ELECTROLYTE BALANCE)

ROGUSKA, Jadwiga; CZARNECKI, Ryszard; KUHN, Maria

Effect of hemodialysis on the electrocardiographic curve. Poznan.
tow. przyjaciol nauk wydz. lek. 21 no.2:153-160 '61.
(KIDNEY ARTIFICIAL) (ACUTE RENAL FAILURE ther)
(ELECTROCARDIOGRAPHY)

HUNGARY

RACZYK, K. Dr., NOWACZYK, J. Dr., CHARECKI, R. Dr., KRASNIK, W. Dr.,
KURN, M. Dr., ADAM, W. Dr.; Medical Academy of Poznan, Second Internal
Medicine Clinic (Poznani Orvostudomanyi Akademia, II. Belklinika)."

"Experiences with Hemodialysis Performed with the Alwall Type Artificial Kidney."

Budapest, Orvosi Hetilap, Vol 103, No 46, 18 Nov 62, pages 2169-2170.

Abstract: The authors describe the apparatus, technique, complications, results, indications and contraindications of hemodialysis based on their own experiences.

[This paper is published, as part of an exchange program, from the Polski Tygodnik Lekarski.]

[Of 15 references, 1 is Polish, 14 are Western]

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"APPROVED FOR RELEASE: 07/12/2001

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APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000827230002-7"

KUHN, P.

TECHNOLOGY

Periodical: SBORNIK VEDECKYCH PRACI. Vol. 4, no. 3, 1958

KUHN, P. Direct proof of two growth phases of quartz phenocrysts in quartz porphyry. p. 283

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

KUHN, P., dr.

High homonization temperature in the inclusions of sphalerites
from Banska Stiavnica. Sbornik skol ban 8 no.2:227-236 '62.

Z/008/61/000/011/002/003
E112/E135

AUTHORS: Kvaček, Milan, and Kühn, Petr

TITLE: Polarographic determination of indium in presence of lead, tin and cadmium

PERIODICAL: Chemické listy, no.11, 1961, 1296-1299

TEXT: In many of the hitherto described polarographic methods for the determination of indium the half-wave potentials of both indium and cadmium coincide and indium can only be determined after a preliminary elimination of cadmium. The two waves can be separated by using a base solution which contains halides, particularly the bromides and iodides of the alkaline metals. The method has the disadvantage that the half-wave potentials of indium then coincide with lead and tin. A complete separation of indium from lead and cadmium was previously achieved in a base solution with ethylene diamine, but the method has not been found very suitable for the analysis of sphalerites, containing as they do large excesses of cadmium over indium. It was desirable to develop a polarographic method in which the wave of indium would clearly precede that of cadmium and be quite distinct from lead

Card 1/3

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Polarographic determination of ... Z/008/61/000/011/002/003
E112/E135

and tin. This has now been achieved by using a base solution consisting of hydrochloric acid and potassium bromide. The half-wave potentials of lead, tin, indium and cadmium against a saturated calomel electrode were determined in different base solutions containing varying concentrations of HCl and KBr and the results are tabulated (Table 1). The method was then standardised for a base solution of 2M HCl + 2M KBr. Its accuracy is such that 0.025 mg indium can be safely detected in 25 ml of base electrolyte. Excesses of copper and lead (up to 50 parts to 1 part of indium) did not interfere with the accuracy of the method. The polarographic method was applied to the analysis of sphalerites and results of polarographic and spectrographic analyses are compared. Excellent agreement was shown to exist between both analytical methods. Acknowledgments are expressed to J. Litomiský for his assistance. J. Heyrovský, A.I. Bus-yev, J. Doležal, L. Treindl, N.V. Akselrud and V.B. Spivakovskiy are mentioned for their contributions in this field. There are 1 figure, 2 tables and 6 references: 5 Soviet-bloc and 1 non-Soviet-bloc.

Card 2/3

Polarographic determination of ... Z/008/61/000/011/002/003
E112/E135

ASSOCIATION: Ústav nerostných surovin, Kutná Hora a Katedra
mineralogie, Vysoká škola báňská, Ostrava
(Institute for Inorganic Raw Materials, Kutná Hora,
and Department of Mineralogy at the Mining Institute,
Ostrava)

SUBMITTED: March 9, 1961

Table 1

Half-wave potentials (against saturated calomel electrode)
of lead, tin, indium and cadmium in various base electrolytes.

Composition of base electrolyte	Half-wave potentials, V, against saturated calomel electrode			
	Pb	Sn	In	Cd
1M HCl + 1M KBr	-0.32	-0.31	-0.42	-0.51
1M HCl + 3M KBr	-0.38	-0.36	-0.45	-0.57
2M HCl + 2M KBr	-0.32	-0.32	-0.43	-0.51
3M HCl + 1M KBr	-0.35	-0.35	-0.48	-0.56

Card 3/3

KUHN, Petr; KVACEK, Milan

Contribution to the analytical determination of small amounts
of indium in ores. Part 2. Polarographic determination of
indium in the presence of important surplus of lead. Chem listy
57 no.1:62-65 Ja '63.

1. Katedra mineralogie, Vysoka skola banska, Ostrava a
Ustav nerostnych surovin, Kutna Hora.

KUHN, Petr, dr.; KVACEK, Milan, prqm. ped.

Polarographic determination of the indium in the presence of high excess of lead. Hut listy 18 no.3:203-204 Mr '63.

1. Vysoka skola banske, Ostrava (for Kuhn). 2. Ustav nerostnych surovin, Kutna Hora (for Kvacek).

KVACEK, Milan; KUHN, Petr

Contribution to the determination of small quantities of
indium in ores. Pt. 3. Chem listy 58 no. 5:584-586 My '64.

1. Institute of Mineral Raw Materials, Kutna Hora and
Chair of Mineralogy, Higher School of Mining, Ostrava.

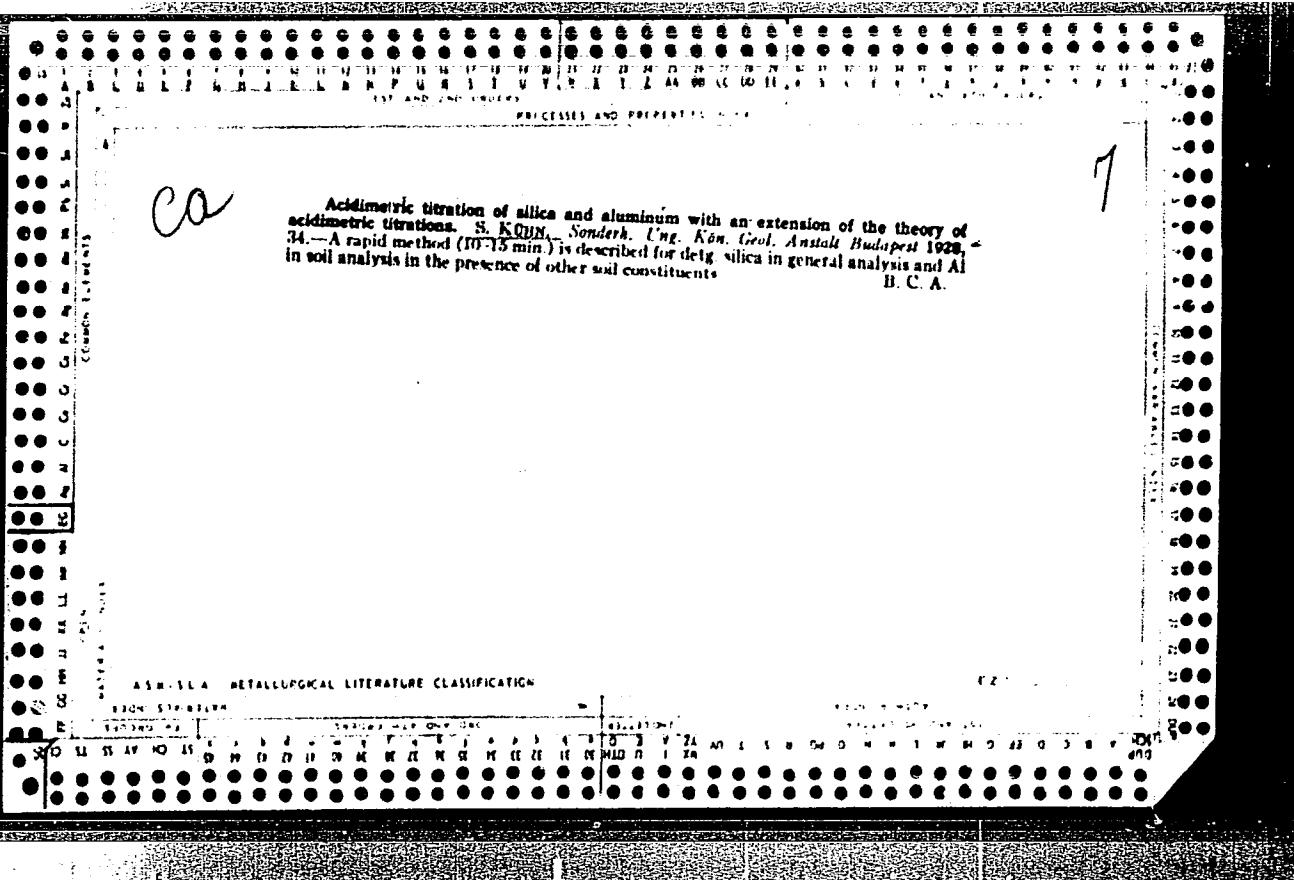
KUHN, R. · SCHRETZMANN, H.

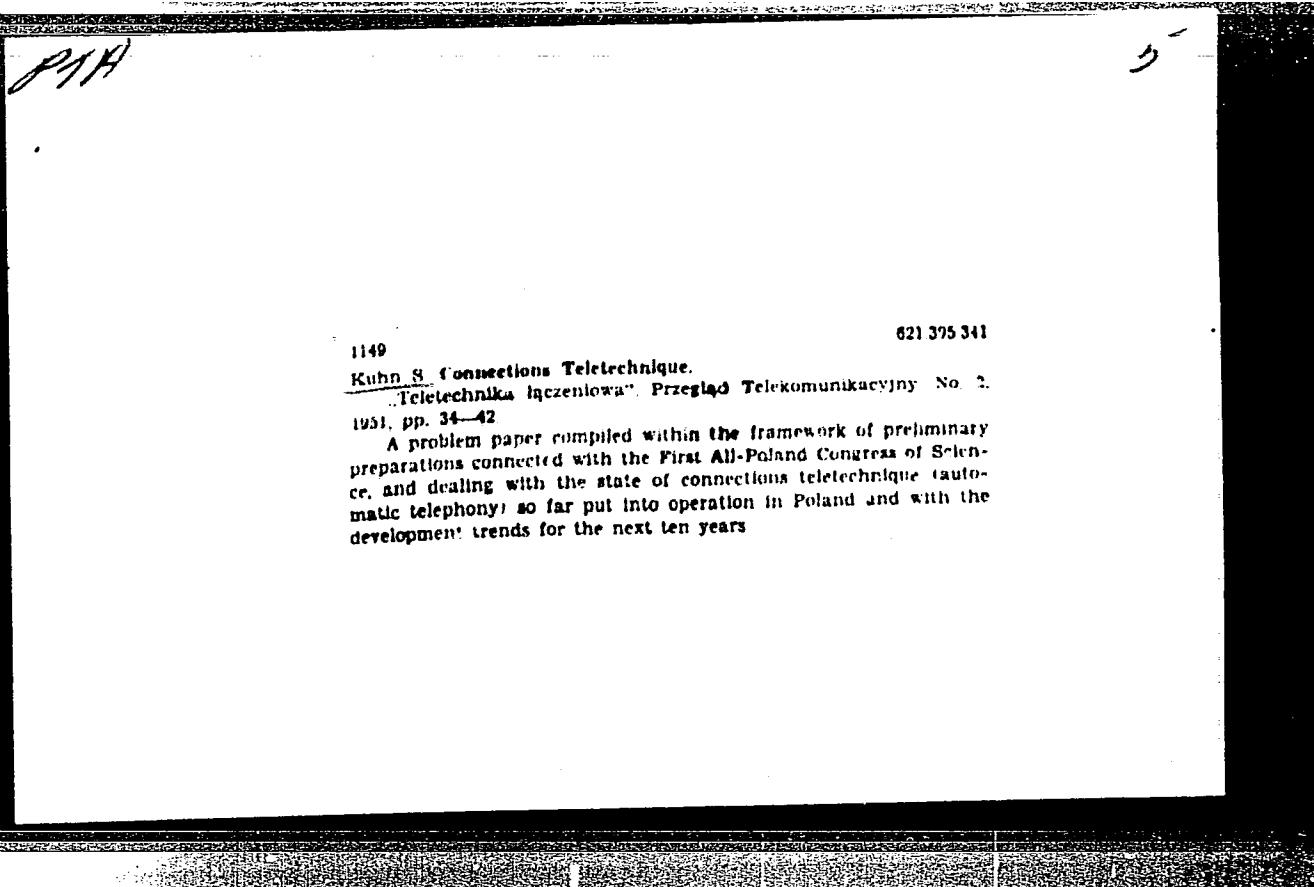
Preparation of ketimines from α -amino-nitriles [in German with
summary in Russian]. Biokhimiia 22 no.1/2:183-185 Ja-F '57.
(MLRA 10:7)

1. Institut meditsinskikh issledovaniy im. Maksa Planka,
Khimicheskiy institut, Geydel'berg.

(KETIMINES, preparation of,
ketimines from α -amino-nitriles (Ger))

(CYANIDES,
prep. of ketimines from α -amino-nitriles (Ger))





K. H. S.

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WERNER, W., mgr.,inz.; DUBICKI, B., prof.,dr.,inz.: KUHN,S., prof.,dr.,inz.

Communication no.6 on the nomination of experts by the Association of Electrical Engineers. Przegl elektrotechn 38 no.2:3 of cover '62.

1.Dyrektor Izby Rzecznikow Stowarzyszenia Elektryków Polskich
(for Werner) 2. Przewodniczący Rady Nadzorczej Izby Rzecznikow
Stowarzyszenia Elektryków Polskich (for Dubicki) 3. Przewodniczący
Komisji Kwalifikacyjnej Izby Rzecznikow Stowarzyszenia Elektryków
Polskich (for Kuhn)

KUHN, Stanislaw, prof. dr.

International Teletraffic Congress. Problem 20 no.108628-629
1964

1. Department of Telecommutation, Technical University, Warsaw.

KUHN, Udo, Dr.; BECKMANN, Petr, Inz., kandidat tehnickych ved

Tropospheric scatter link between Prague and Berlin at 1,2 Gc/s.
Slaboproudý obzor 21 no.3:131-134 Mr '60. (EEAI 9:8)

1. Betriebslaboratorium fur Rundfunk und Fernsehen, Kolberg
b.Berlin (for Kuhn). 2. Ustav radiotechniky a elektroniky
Ceskoslovenska akademie ved, Praha (for Beckmann)
(Radio)

KUN, Vilem [Kuhn, Vilem]

With thoughts about the party and the comrades. Sov. profsoiuzy
18 no.6:42 Mr '62. (MIRA 15:3)

1. Glavnnyy redaktor zhurnala "Odborarzh."
(Czechoslovakia--Socialist competition)

PISKORZ, A.; KUHNBERG, W.

Experimental investigations on the action of penicillin in the bone.
Bull.State.Inst.Marine Trop.M.Gdansk 3 no.1-2:59-67 1950 (CIML 20:?)

1. Of the First Surgical Clinic of Gdansk Medical Academy and of
the State Institute of Marine and Tropical Medicine in Gdansk.

KUHNBERG, W.

Influenza types in the population of Gdansk. Bull. State Inst. Marine
Trop. M. Gdansk 3 no.1-2:69-71 1950. (CML 20:7)

1. Of the Department of Microbiology of Gdansk Medical Academy and of
the State Institute of Marine and Tropical Medicine in Gdansk (Director-
-Prof. Jerzy Morsycki, M.D.).

KUHNE, PAL, gepkezelo, (Putnok); LAKOS, Istvan, lakatos, (Budapest);
NEMETHI, Gyorgy, (Budapest); HORVATH, Janos, tobbszoros ujito, (Budapest).

Forum of the innovators. Ujito lap 14 no.6:30 Mr '62

KUHNEL, Adolf

A difference between the two approximation methods in general relativity. Acta physica Pol 24 no.3:399-405 S'63.

1. Institute of Theoretical Physics, University, Leipzig.

KUHNEL, Ota, MUDr; DOMINIK, Josef, MUDr

Contribution to oculo-auricular malformations. Cesk. opht. 10
no.6:375-381 Dec 54.

1. Vojenska nemocnice v Plzni.
(EYE, abnormalities
oculo-auricular malformation)
(EAR, abnormalities
oculo-auricular malformation)

KOZINA, M.; KUHNEL, O.

Possibility of identification of copper intra-ocular foreign body by
chemical means. Cesk. ofth. 14 no.5:371-374 Oct 58.

1. Oční klinika Karlovy univerzity v Plzni, prednosta prof. Dr. R.
Knobloch, K. M., oční klinika, Plzen.

(EYE, foreign bodies
copper, identification by chem. means (Cz))

(COPPER
copper intra-ocular foreign body, identification by chem.
means (Cz))

KUHNEL, R.

"Causes of the weathering of the sandstones of the Godula series in the Carpathian Mountains"

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SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

CZECHOSLOVAKIA

KUHNEL, R.

Technical School of Balneology (Vysoka skola banska), Ostrava

Prague, Casopis pro mineralogii a geologii, No 1, 1964, pp 83-
84

"Photomicrographic Methods."

KUHNEL, Radko, inz., kandidat geologicko-mineralogickych ved

Benzidine reaction in preparing clays for the wash water. Geol
pruzkum 6 no.8:244-245 Ag '64

1. Higher School of Mining, Ostrava.

KUHNEL, Radko, inz., kandidat geologico-mineralogickych ved

New method for indication of sea sediments in the Upper
Silesian Coal Basin. Sbor VSE Ostrava 9 no.2:227-263 '63.

KUHNEL, Radko

Methods of microphotography. Cas min geol 9 no. 1:83-84 '64.

1. Vysoka skola banska, Ostrava.

KUNEL, Radko

Criteria for determining pyroclastic components in sedimentary
rocks. Sbor VSB Ostrava 30 no.1/2:47-66 '64.

1. Submitted December 22, 1963.

KROCZEK, Julius, inz. dr., RNDr.; KUHNERT, Max, Dipl. inz.; MOLNAR,
Istvan, Dipl. inz.; WDOWIAK, Janusz, Mgr. inz.

Measurement of some important control quantities of power
semiconductor valves. El tech obzor 52 no.7:361-364 Jl '63.

1. Ceskoslovenska akademie ved (for Kroczeck).
2. Ustav pro polovodicovou techniku, Berlin-Teltow, German Democratic Republic (for Kuhnert).
3. Laborator pro polovodice vyzkumneho ustavu pro elektroprumysl, Budapest, Hungary (for Molnar).
4. Institut elektrotechniky, Varsava, Poland (for Wdowiak).

HASIK, Jan; KUHNOWNA, Maria

Concentration of ascorbic acid in the blood serum and its excretion
with urine during prolonged sleep therapy. Poznan.tow.przyjaciol
nauk, wydz.lek. 17 no5:47-56 '59.

1. Z II Kliniki Chorob Wewnetrznych A.M. w Poznaniu. Kierownik:
prof.dr Jan Roguski.
(VITAMIN C metab.)
(SLEEP eff.)

FUSKA, J.; KUHR, I.; PODOJIL, M.; SEVCIK, V.

The influence of the nitrogen source on the production of
gibberilllic acid in submerse cultivation of Gibberella Fujikuroi.
Folia microbiol 6 no.1:18-21. '60. (EEAI 10:5)

1. Biotika, Slovenska Lupca. 2. Department of Microbiology, Institute
of Biology, Czechoslovak Academy of Sciences, Prague.
(NITROGEN) (GIBBERILLIC ACID) (GIBBERELLA FUJIKUROI)

KUHR, I.; FUSKA, J.; PODOJIL, M.; SEVCIK, V.

Factors affecting the production of various gibberellins during
submerged cultivation of Gibberella fujikuroi. *Folia microbiol* 6
no. 3:179-185 '61. (EEAI 10:8)

1. Biotika, Slovenska Lupca, and Department of Microbiology,
Institute of Biology, Czechoslovak Academy of Sciences, Prague.
(GIBBERELLIN) (GIBBERELLA FUJIKUROI)

PODOJIL, M.; SEVCIK, V.; KUHR, I.; FUSKA, J.

Isolation of gibberellic acid by means of ion exchange resins.
Folia microbiol 6 no.4:273-276 '61.

I. Department of Microbiology, Institute of Biology, Czechoslovak
Academy of Sciences, Prague 6 and Biotika, Slovenska Lupca.

(GIBBERELLIC ACID) (ION EXCHANGE)

KUHR, I.

Decomposition of gibberellic acid in aqueous solutions. Folia microbiol.
7 no.6:358-363 '62.

1. Biotika, Slovenska Lupca.
(GIBBERELLINS)

FUSKA, Jan, inz.; KUHR, Ivo, promovany chemik; BENDA, Antonin, inz.;
IVANOV, Leonid

Use of sugar-beet molasses for the fermentation of penicillin.
Chem zvesti 17 no.8:533-541 '63.

l. Biotika, n.p., Slovenska Lupca.

FUSKA, Y. [Fuska, J.]; KOGA, U. [Kahr, I.]; PAYITHE, V. [Vajicek, ..]

Effect of nitrogen compounds contained in common flour on
the quality of gibberelline produced by the submerged culti-
vation of Gibberella fujikoroi (Saw.) Mr. Mikrobiologija 33
no.5:783-786 S-O '64.

1. Biotika, issledovatel'skiye laboratori, Slovenska Kyupelska,
Chekhoslovakskaya Sotsialisticheskaya Respublika.

KUHR, JVO

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry

E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4420

Author : Borkovec Josef, Kuhr Jvo, Janik Borivoj, Michalski Jiri
Title : Aminoalkyl Quinoxalines. V. Preparation of 1,1-Dihalogen-
Phthalimido-Alkanone-2 and Phthalimido-Alkanone-2-Carbo-
xylic-1 Acids

Orig Pub : Prace Brnenske zaklad. CSAV, 1955, No 11, 525-534

Abstract : For the purpose of obtaining the starting materials for
the synthesis of phthalimido-methylquinoxalines and
pteridines there has been synthesized a series of 1,1-
diido-(or dibromo)-phthalimidocalkanones-2 by the action
of dihalogen-dioxane on the corresponding phthalimido-
alkyldiazomethyl-ketones, while by hydrolysis of nitriles
of alpha-(p-dimethylaminophenylimino)-beta-ketophthalimi-
do-acids there were prepared phthalimido-alpha-ketoacids.
Alpha-keto-beta-phthalimido-propionic acid (I) on condens-
ation with o-phenylenediamine (II) gives 2-hydroxy-3-

Card 1/5

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CZECHOSLOVAKIA/Organic Chemistry & Synthetic Organic Chemistry

E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4420

-phthalimidomethylquinoxaline (III), and on reaction with 2,4,5-triamino-6-hydroxypyrimidine (IV), the 2-amino-4,7-dihydroxy-6-phthalimide-methylpteridine (V). To a solution of 0.059 mole icidine in 150 ml dioxane (VI) a solution of 0.061 mole I-diazo-3-phthalimidopropanone-2 (VII), the mixture is boiled for 1 minute and there is obtained 1,1-diiodo-3-phthalimidopropanone-2, yield 97.4%, MP 180-183° (from benzene). In the same manner from I-diazo-4-phthalimidobutanone-2, yield is obtained 1,1-diiodo-4-phthalimidobutanone-2, yield 97%, MP 148-149°, (from benzene); from I-diazo-3-phthalimidobutanone-2, after driving off VI and treating the residue with water, there is obtained 1,1-diiodo-3-phthalimidobutanone-2, yield 98%, MP 146-147° (from alcohol); analogously from I-diazo-5-phthalimidopentanone-2, yield 98.9%, MP 141° (from benzene). To a mixture of 2

- 73 -

Card 2/5

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry

E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4420

20°, extracted with ether, the ether is removed, added 20 ml acidified water, and there is obtained alpha-keto-beta-phthalimidobutyric acid, yield 60.5%, MP 73-75° (from acidified water); 2,4-dinitrophenylhydrazone, MP 237-238° (from CH₃OH). In the same manner from nitrile of alpha-(p-dimethylphenylimino)-beta-keto-delta-phthalimidovaleric acid is obtained alpha-keto-gamma-phthalimidobutyric acid, yield 92.8%, MP 141-142° (from water); from nitrile of alpha-(p-dimethylaminophenylimino)-beta-keto-delta-phthalimidocaproic acid (50-60°, 1 hour) is obtained alpha-keto-gamma-phthalimidovaleric acid, yield 81.7%, MP 153° (from water); 2,4-dinitrophenylhydrazone, MP 221-222° (from CH₃OH); from nitrile of alpha-(p-dimethylaminophenylimino)-beta-keto-epsilon-phthalimidocaproic acid, is obtained (1 hour, 50-60°) alpha-keto-delta-phthalimidovaleric acid, yield 89%, MP 148° (from water). On condensation of I with II in boiling CH₃COOH is obtained

- 75 -

Card 4/5

KUHR, J.

Activities of the Research Institute of Grass Economy. p. 159 (VESTNIK. Praha)
(Vol. 4, No. 3, 1957)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

KUHTA, Stanislav, inz. (Zagreb, Jordanovacki odvojak 6)

Heat regulators for household appliances. Elektrotehnika Hrv 5
no. 4:157-161 '62.

KUIB, A. I.; KUDRYASHOV, A.

"Existence of Thermal Regularity in a Boundary Layer with Regularity
in the Turbulent Core of a Flow and Vice Versa"

Report presented at the Conference on heat and Mass Transfer.
Minsk, USSR, 5-10 June 61

It is proved by the methods of the boundary layer theory that thermal
regularity exists indispensably in a boundary layer and vice versa,
if it exists in a Turbulent nucleus of the flow.

KUIRIDA, G.G.

Lead alloys

Lead alloy for coating cables in junction boxes. Vest. mash. 31 no. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, September, 1952
_____¹⁹⁵³. Unclassified.

KUICALA, V.

Spinal phlebography in the diagnosis of disk lesions. Czech.
neurol. 27 no.5:303-307 S '64.

1. Neurologicka klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze, (prednosta akademik K. Henner).

KUIDA, V.

Silicon rectifiers in electric traction. p. 219

ELEKTROTECHNICKY OBZOR. (Ministerstvo tezkoh strojirenstvi a Ceskoslovenske vedecka technicka spolecnost pro elekrotechniku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol. 48, No. 4, Apr. 1959

Monthly List of East European Accessions (EEAI), LV, Vol. 8, No. 7, July 1959
Uncl.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000827230002-7

Kris MARION

3. An analytical titration must be made to determine the amount of
Cadmium present in the sample.

(error not exceeding 1% error) by titrating 1.00 ml of
0.006 0.01 moles Cd and 0.006 0.01 moles Cr³⁺ with
titration must be performed in the presence of excess
of 1 g of salts with Li₂SO₄ and Na₂CO₃. The titration
is carried out with Cd₄Pc(CN)₆.

m

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000827230002-7"

ZUMAN, P.; KUIK, M.

Catalysis of hydrogen separation in presence of some sulfur derivatives of hydantoin and pyrimidine. Coll Cz chem 25 no.12:3861-3880 '59. (EPAI 9:6)

1. Polarographisches Institut, Tschchoslovakische Akademie der
Wissenschaften, Prag.
(Catalysis) (Hydrogen) (Sulfur)
(Hydantoin) (Pyrimidine)

BASINSKI, Antoni; KUIK, Marian; CEYNOWA, Jozef

Shape of catalytic waves arising in the presence of cysteine and
nickel in ammonia buffer solutions. Roczn. chemii 36 no.12:1889-
1893 '63.

1. Department of Physical Chemistry, Copernicus University,
Torun.

BASINSKI, Antoni; CEYNOWA, Jozef; KULIK, Marian

Anodic waves of cystine in the presence of Ni^{4+} ions.
Rocznik chemii 37 no.1:1 89-L 96 '63.

1. Department of Physical Chemistry, N. Copernicus University,
Torun.

KOSTOV, Iv.; MINCHEVA-STEFANOVA, I.; KUIKIN, S.

Morphology of pyrite. Izv Geol Inst BAN 11: 41-64 '62.

1. Chl. kor. na Bulgarskata akademija na naukite i chlen na Redaktsionnata kolegiia, "Izvestiia na Geologicheskiia institut" (for Kostov).

KUJMET, A.

Experiences in the use of hog houses equipped with a special feeding area. p.455

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Sanitarnych Ogrzewnictwa i Gorącznictwa) Warszawa, Poland
Vol.13, no.10, Oct. 1958

Monthly list of East European Accession (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

KUIMOV, A.

Visiting Academician T.D. Lysenko. NTO no.12:18 D '59 (MIRA 13:3)

1. Predsedatel' pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva (NTO) pri inspeksii sel'skogo khozyaystva, g.Klin, Moskovskoy oblasti.

(Lysenko, Trofim Denisovich, 1898-)

KUINOV, A.

By joint efforts, MTO 2 no.3:52 Mr '60. (MIRA 13:6)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva pri Klinskoy sel'khozinspeksii, Moskovskaya oblast'.
(Moscow Province--Agricultural research)

KUIMOV, A.V.

From the work practices used on the "Leninets" Collective Farm.
Ptitsevodstvo 8 no. 7:18 Jl '58. (MIRA 11:8)

1. Starshiy zootekhnik Klinskoy inkubatorno-ptitsevodcheskoy
stantsii.

(Poultry)
(Litter(Bedding))

KUIMOV, D. I.

Secretory activity of the abomasum and pancreas and bile secretions
in sheep. Fiziol. zhur. 47 no.10:1314-1318 O '61. (MIRA 15:1)

1. From the All Union Institute of Sheep and Cattle Breeding,
Stavropol. (STOMACH--SECRETIOS) (PANCREAS--SECRETIOS) (BILE)

A. E. - A. Sapl', Molchan (Maj), Smol'yaninov (Sr Lt, all Military vet Service

"Two Cases of Formation of 'Kolleznykh' Pulmonary Fistulas"

Veterinariya, Vol 24, No 9, 1947

1. KUTMOV, D.K.
2. USSR (600)
4. Feeding and Feeding Stuffs; Sheep
7. Influence of different feeds on the rennet secretion of sheep. Sov.zootekh., 7, No. 6, 1952 Kandidat Biologicheskikh Nauk Vsesoyuznyy Nauchno-Issledovatel'skiy Institut Ovtsevodstva i Kozovodstva
9. Monthly List of Russian Accessions, Library of Congress, August, 1952,
UNCLASSIFIED.

KUYMOV, D.K.

~~Method of production of chronic fistula of the pancreatic duct and on
the gallbladder in sheep. Fiziol. zh. SSSR 38 no. 5:633-636 Sept-Oct
1952.~~
(CIML 23:3)

1. All-Union Scientific-Research Institute of Sheep Raising and Goat
Raising, Stavropol'.

KUYMOV, D.K.

Secretory function of the pancreas in fine-wooled sheep. Fiziol. zh.
SSSR 39 no.4:468-473 July-Aug 1953. (CIML 25:1)

1. All-Union Scientific-Research Institute of Sheep and Goat Raising,
Stavropol'.

KUIMOV, D.K.

Adaptation of the pancreas to the type of fodder in fine-wooled sheep.
Fiziol. zhur. 40 no.6:711-716 N-D '54. (MIRA 8:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ovtsevodstva i
kozovodstva, Stavropol'.

(PANCREAS, physiology,
adaptation to type of fodder in sheep)

(~~sheep~~,
adaptation of pancreas to type of fodder)

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CIA-RDP86-00513R000827230002-7

J. MCK. D. K.

1. When we're first of being known, we're being

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CIA-RDP86-00513R000827230002-7"

USSR/Farm Animals - Small Horned Cattle.

0-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, 83397

Inst : All-Union Scientific Research Institute of Sheep and Goat Husbandry.

Author : Kuinov, D.K.

Title : The Causative Agent of Secretory Pancreas Activity in Sheep.

Orig Pub : Byul nauchno-tekh. inform. Vses. n.-i. ovtsevodstva i kozovodstva, 1956 (1957), No 3 (25), 172-178.

Abstract : Effects of some chemical substances upon the secretory activity of the pancreas were studied on 3 sheep of the Soviet merino breed with chronic fistulae of the pancreatic duct, of the gall bladder, and of the duodenum. It was established that cold water (1° C), introduced into the duodenum, as well as a 2 percent solution of sodium

Card 1/2

KUIMOV, D.K., kandidat biologicheskikh nauk.

Causes for digestive disturbances in sheep. Veterinariia 33 no.5:
57-59 My '56.
(MLRA 9:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ovzsevodstva i
kozovodstva.
(Sheep--Diseases and pests) (Digestive organs--Diseases)

KUIMOV, D.; IYERUSALIMSKIY, A.

"Tick-borne encephalitis (encephalomyelitis)" by A.N. Shapoval.
Reviewed by D. Kuimov and A. Ierusalimskii. Zhur. nevr. i psikh.
62 no.3:466-468 '62. (MIRA 15:3)
(ENCEPHALITIS) (ENCEPHALOMYELITIS)
(TICKS AS CARRIERS OF DISEASE)

KUIMOV, D.T.; DUBOV, A.V.

Amyotrophic lateral sclerosis as a vernal encephalitis syndrome;
on the anniversary of the discovery and study of vernal encephalitis
by Soviet scientists. Zhur.nevr.i psikh. 58 no.3:282-287 '58.
(MIRA 13:3)

1. Kafedra nervnykh bolezney (zaveduyushchiy - prof. D.T. Kuimov)
Novosibirskogo meditsinskogo instituta.

(AMYOTROPHIC LATERAL SCLEROSIS, etiol. & pathogen.

Russian tick-borne encephalitis (Rus))

(ENCEPHALITIS, EPIDEMIC, manifest.

amyotrophic lateral sclerosis in Russian tick-borne
encephalitis (Rus))

KUIMOV, D.T., prof. (Novosibirsk); SHMAR'YAN, A.S., prof. (Moskva)

Subdural hematoma [with summary in English]. Vopr.neirokhir. 23
no.2:23-28 Mr-Ap '59. (MIRA 12:4)
(HEMATOMA, SUBDURAL, case reports,
(Rus))

KUIMOV, Dmitriy Tarasovich; SHMAR'YAN, Aleksandr Solomonovich;
GENII, N.M., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Subdural hematomas; a clinical study] Subdural'nye gematomy;
klinicheskoe issledovanie. Moskva, Medgiz, 1961. 128 p.

(MIRA 15:7)

(HEMATOMA)

(DURA MATER--TUMORS)

KUIMOV, D.T.

Barre-Masson neuralgia, complications of diencephalic epilepsy.
Zhur. nevr. i psikh. 61 no.12:1796-1798 '61.
(MIRA 15:7)
1. Klinika nervnykh bolezney (zav. - prof. D.T. Kuimov)
Novosibirskogo meditsinskogo instituta.
(NEURALGIA) (EPILEPSY)

KUIMOV, D.T., prof.

Clinical aspects and treatment of spinal epiduritis. Vop. neirokhir. 27 no.6:30-33 N-D '63. (MIRA 17:12)

1. Novosibirskiy meditsinskiy institut.

KUIMOV, G.F., master (poselok Rechnoy Kirovskoy obl.)

Protection of an electric motor from two-phase operation.
Energetik 13 no.11:29 N '65. (MIRA 18:11)

KUIMOV, K.V.

Venus in 1954. Biul. VAGO no.21:30-32 '58.

(MIRA 11:6)

1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva, otdel planet.
(Venus (Planet))